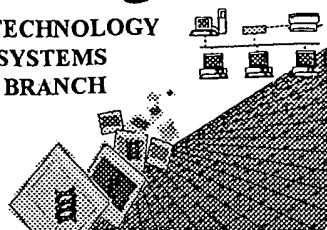


BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

1636

#14

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/586,106C
Source: 1609
Date Processed by STIC: 11/21/2002

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TECH CENTER 1600/2900

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER** **VERSION 3.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
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U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
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Revised 01/29/2002



1600

RAW SEQUENCE LISTING

DATE: 11/21/2002

PATENT APPLICATION: US/09/586,106C

TIME: 10:55:30

Input Set : A:\08411-032001.txt

Output Set: N:\CRF4\11212002\I586106C.raw

3 <110> APPLICANT: Wright, David A.
 4 Voytas, Daniel F.
 6 <120> TITLE OF INVENTION: Plant Retroelements and Methods Related Thereto
 8 <130> FILE REFERENCE: P-1065A
 10 <140> CURRENT APPLICATION NUMBER: 09/586,106C
 11 <141> CURRENT FILING DATE: 2000-06-02
 13 <150> PRIOR APPLICATION NUMBER: 60/087,125
 14 <151> PRIOR FILING DATE: 1998-05-29
 16 <150> PRIOR APPLICATION NUMBER: 09/322,478
 17 <151> PRIOR FILING DATE: 1999-05-28
 19 <160> NUMBER OF SEQ ID NOS: 190
 21 <170> SOFTWARE: PatentIn Ver. 4.0

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

7198 <210> SEQ ID NO: 181
 7199 <211> LENGTH: 8 *9 shown below*
 7200 <212> TYPE: PRT
 7201 <213> ORGANISM: Artificial Sequence
 7203 <220> FEATURE:
 7204 <223> OTHER INFORMATION: Consensus sequence
 7206 <221> NAME/KEY: VARIANT
 7207 <222> LOCATION: 2
 7208 <223> OTHER INFORMATION: Pro or Ser
 W--> 7210 <400> 181
 W--> 7211 Met Xaa Ser Phe Gly Leu Cys Asn Ala
 E--> 7212 1 5

FYI Use of n and/or Xaa has been detected in the Sequence Listing.
 Review the Sequence Listing to insure a corresponding
 explanation is presented in the <220> to <223> fields of
 each sequence using n or Xaa.

VERIFICATION SUMMARY

DATE: 11/21/2002

PATENT APPLICATION: US/09/586,106C

TIME: 10:55:34

Input Set : A:\08411-032001.txt

Output Set: N:\CRF4\11212002\I586106C.raw

L:7032 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:7036 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:166
L:7037 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:166 after pos.:0
L:7056 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:7060 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:168
L:7061 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:168 after pos.:0
L:7166 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:7170 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:178
L:7171 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:178 after pos.:0
L:7206 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:7210 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:181
L:7211 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:181 after pos.:0
L:7212 M:252 E: No. of Seq. differs, <211> LENGTH:Input:8 Found:9 SEQ:181
L:7222 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:7226 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:182
L:7230 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:182
L:7234 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:182
L:7235 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:182 after pos.:0
L:7246 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:7250 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:183
L:7251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:183 after pos.:0
L:7264 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:7268 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:184
L:7272 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:184
L:7276 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:184
L:7280 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:184
L:7284 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:184
L:7288 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:184
L:7292 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:184
L:7293 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:184 after pos.:0
L:7295 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:184 after pos.:16
L:7306 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:7310 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:185
L:7311 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:185 after pos.:0
L:7313 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:185 after pos.:16
L:7315 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:185 after pos.:32
L:7326 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:7330 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:186
L:7331 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:186 after pos.:0
L:7342 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:7346 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:187
L:7350 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:187
L:7351 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:187 after pos.:0
L:7362 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:7366 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:188
L:7367 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:188 after pos.:0
L:7377 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:7381 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:189

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/586,106C

DATE: 11/21/2002

TIME: 10:55:34

Input Set : A:\08411-032001.txt

Output Set: N:\CRF4\11212002\I586106C.raw

L:7382 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:189 after pos.:0